

63 JV

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,357

DATE: 03/14/2002

TIME: 15:46:12

Input Set : D:\tech0109p.pto

Output Set: N:\CRF3\03142002\J083357.raw

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3 <110> APPLICANT: Qiandong Zeng et al.
5 <120> TITLE OF INVENTION: Systemic Discovery of New Genes
7 <130> FILE REFERENCE: 032796-090
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/083,357
C--> 9 <141> CURRENT FILING DATE: 2002-02-27
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30 gaagactctc aagatgggtc aaatcgcgaa ctcgtaagta gaaaactgaa gttgaacgag      180
31 tgggttcagct tctgtttgag ttgcaacccat ggtatgcatg ccggtcacgc tgaagaatgg      240
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35 <211> LENGTH: 606
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42 aataaacaat caacagagta tataaagctc gagaacgatg gtgaaaagag agttatatatt      180
43 aaagtgagga ctagtgtctc cacaagatat tgtgtgaggc ccaatgtggc catcataggt      240
44 gctcatgaaa gtgtaaatgt ccaaattgtt ttccttggtat taccgaagtc aaccgctgac      300
45 gatgaaatgg accaaaaacg agacaaattc ttgatcgta cacttctat cccggcagct      360
46 taccaaaacg tggaggatgg cgagctgttg tccgattggc ctaatctgga agagcagtac      420
47 aaagatgaca tagcttcaa gaagatcaaa atatttact ccgtgttacc gaaaagaaaa      480
48 ccgtctggaa accacgatgc agaatcagca agagcgccat cagcaggtaa cgggcaaagt      540
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50 tactga                                          606
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120 caagacatcc atatttcaag ccacatccat agagatacct ccaacagcgc gttgttgaag    180
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131 atcttctttt tttattatgc tcagagggcc ctacatgaca gctttttttt ccccaatgag    180
132 ctgctacggt gccagatctg cttatgttca ttattttgga tggtaaccgt tataaattta    240
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134 gttcgttact ag                312
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137 <211> LENGTH: 231
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139 <213> ORGANISM: Saccharomyces cerevisiae
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143 caccatctgc acgttggtat aatgtccgt gtctatatat atccattgac ggtattctat    120
144 ttttttgcta ttgaaatgag cgttttttgt tactacaatt ggttttacag acggaatttt    180
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155 agcttacgta accgcagccc aaagatactt tctctttatt ttattagcga taggacaggc    180
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159 <211> LENGTH: 330
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166 ctggatgaaa ctataaaaaga actaaactat tcgcaacaca ggcaacagca ttcacagcaa    180
167 gaaactgtat cgccagatga gatactacag gagatgaggg acatagaggt caaaattggt    240
168 ttagttggga cactgctaaa aggtagcgtg tactcgctta tcttgcaaag aaagcaagaa    300
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179 tccttcctaa aaagtaataa ttatgaggat tttgaaacgg ataaggagct atcaaggata      180
180 caacatggca atgatgaagc aattgaagat ttatataccc taaaacagaa tagttcgata      240
181 aagtcattca caaattctca aactgattcg accacttcaa aaacagtaaa cacaataatt      300
182 gacttagaaa agcgcccaga ggatgaagat gaggtggaaa atggagatac atcactagtt      360
183 ggcgttttca aacatccatc aataatcaaa tcctttgctg ccagaacaga cataaatgat      420
184 aagtttaaag aaggtaacaa gacagtcaag attctaaagt cttacaagac agtggggagt      480
185 tcaaaagctt ctatcacata tatggggaaa acgagaaaaa taatagcacc aaagaggaaa      540
186 actgaaggga gccaccgcta ccacatgac catcataata aaaaaatgaa aatgaaaacg      600
187 aaaacaaaat cgaataaaact ttttgaagc ggacaagata gctttgataa ttag          654
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190 <211> LENGTH: 318
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196 agcactccct ccaaggattc taacaagaat ggcagctccg tgtccacgat cctcgacact      120
197 aagtgggata ttgtcctgtc caacatgctg gtcaagactg ccatgggttt tggcgtgggt      180
198 gtgttcacct cagtattatt ctcaagcgc cgtgcatttc ctgtatggct aggcattgga      240
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212 tatgctatct cgtggctaaa ctatattacg cagaacaacc ttgagaatgc gagggcgtat      300
213 tcagggtctt atcaattggg tcaaacagtc aaacagaggt actcgaagag cagccgttcc      360
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228 <212> TYPE: DNA

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234 cattattggt attcatctct ggtgagggaa caactgtctc aaagattccc acttttttat    180
235 ccgttgaatg atgcccgtag tatacctata tccagtttcc tcattctaaa agatttttgc    240
236 gtttcctggt gctgcatgat ggttttaagg cagttatact attataggtc aactaaacat    300
237 atttatcagg gcatttccat tacttccata ataattataa gtgtgttcct tgtattaggc    360
238 atattttacat atggctgttc catctctaatt ttaccgttga aaaattcagg taaatttggc    420
239 gttttctatt tggaacacat aaattatttg tgggtaatgg caaatctgct taaatgtttc    480
240 aagtatgtgc ctcaaagtag tataaactgg atgggatgct caacagtagg tttatcatca    540
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252 atggacgatt tcttgaaca tttgagcaaa gacgataaca aagcatggta tggcgcggaa    180
253 gaaaccgaga gagctgcaaa attagatgca atagaaacac tacttattac agatagtgta    240
254 ctaaaaagga acgacgtgaa aaaacgtgaa aaatacctag acctaataga gaatagtgga    300
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256 aaccaacaga tatag                                375
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266 tctcacactc caatccatgg cccattctca ctaaatcagt accaaatgca cccacatcat    180
267 tatgcacggc acttgctca gcggtctata cctgtgcca tttaccata a                                231
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277 aaaaaacaat ccataactac taaggaaggg tataaatggg ttggtttact aattttatat    180
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VERIFICATION SUMMARY

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date